12

OIPE

RAW SEQUENCE LISTING DATE: 01/02/2002 TIME: 13:54:20 PATENT APPLICATION: US/10/016,768

Input Set : A:\4115-131.ST25.txt

Output Set: N:\CRF3\01022002\J016768.raw

## **ENTERED**

3 <110> APPLICANT: Baehrecke, Eric H. 5 <120> TITLE OF INVENTION: GENES REGULATING PROGRAMMED CELL DEATH 7 <130> FILE REFERENCE: 4115-131 9 <140 > CURRENT APPLICATION NUMBER: US/10/016,768 9 <141> CURRENT FILING DATE: 2001-10-29 9 <160> NUMBER OF SEQ ID NOS: 12 11 <170> SOFTWARE: PatentIn version 3.1 13 <210> SEQ ID NO: 1 14 <211> LENGTH: 53 15 <212> TYPE: PRT 16 <213> ORGANISM: Drosophila melanogaster 18 <220> FEATURE: 19 <221> NAME/KEY: MISC\_FEATURE 20 <222> LOCATION: (1)..(54) 21 <223> OTHER INFORMATION: X can be any amino acid 24 <400> SEQUENCE: 1 26 Lys Gly Thr Arg Pro Lys Arg Gly Lys Tyr Arg Asn Tyr Asp Arg Asp 30 Ser Leu Val Glu Ala Val Lys Ala Val Gln Arg Gly Glu Met Ser Val 34 His Arg Ala Gly Ser Tyr Tyr Gly Val Pro His Ser Thr Leu Glu Tyr 40 38 Lys Val Lys Glu Arg 39 50 · 42 <210> SEQ ID NO: 2 43 <211> LENGTH: 53 44 <212> TYPE: PRT 45 <213> ORGANISM: Homo sapiens 47 <220> FEATURE: 48 <221> NAME/KEY: MISC\_FEATURE 49 <222> LOCATION: (1)..(54) 50 <223> OTHER INFORMATION: X CAN BE ANY AMINO ACID 53 <400> SEQUENCE: 2 55 Lys Gln Pro Arg Lys Lys Arg Gly Arg Tyr Arg Gln Tyr Asp His Glu 59 Ile Met Glu Glu Ala Ile Ala Met Val Met Ser Gly Lys Met Ser Val 25 63 Ser Lys Ala Gln Gly Ile Tyr Gly Val Pro His Ser Thr Leu Glu Tyr 40 67 Lys Val Lys Glu Arg 50 71 <210> SEQ ID NO: 3 72 <211> LENGTH: 54 73 <212> TYPE: PRT 74 <213> ORGANISM: T. nigroviridis 76 <400> SEQUENCE: 3 78 Lys Gln Pro Arg Lys Lys Arg Gly Arg Tyr Arg Gln Tyr Asp His Asp

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60

120

180

Input Set :  $A: \4115-131.ST25.txt$ 

Output Set: N:\CRF3\01022002\J016768.raw

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188	aggcatactt	tatggcatac	ctcaaaaaac	tttacttctt	cacttagaag	ccttaccagc	·960
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194	agagcgcaca	gaaaaaagta	aactcaatct	acttgaaacc	tcagaaataa	aattcccaac	1140
					gtcactcagt		1200
198	aaatgaaagc	ctccaatatg	aaacttcaaa	tcctactgta	cagttaaaaa	ttcctcagct	1260
200	acgagtaagt	tctgtctcaa	aatcacaacc	tgatggttct	ggtctgttgg	atgttatgta	1320
202	tcaagtttcc	aaaacctctt	cagtcctaga	aggatcagct	ctccaaaaac	tgaaaaatat	1380
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244	taatttaaat	ttaattatta	aaataattta	gttttgtttt	tcatttgaaa	aataagctaa	2640
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Input Set :  $A:\4115-131.ST25.txt$ 

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	tggtctctga	-					3540
	atgaatcctc	_		-			3600
	gcagatgtca						3660
	cttgcattat						3720
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	gggctttgaa		-	_			3840
	tatttacatt						3900
	tgtatcattt	-				-	3960
	tttgctattg						4020
	cattttagta						4080
	tagtttatag	-					4140
	agttaacatt	-		_		-	4200
	tctattaaga						4260
	actatttatt	_	-	-	-		4320
	aagcaaccct						4380
	aaaaaagaag				-		4440
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	gtgagactga						4560
	gtatttccaa	-			-	_	4620
	ttgttaatat		-		-		4680
	ataattcatg			_	-	-	4740
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	atgaaatgcg		_	_			360
	tctgatctca						420
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Input Set : A:\4115-131.ST25.txt

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365	gctaacaata	aaaacattca	cggaattctt	tgctgggttt	taaattcatg	gtttatttt	1080
			atgccagatt				1140
			tttaataaca				1200
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			tggctattca				1560
	-		atcatatatt	_			1620
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			ggatcagctc				2520
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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/016,768

DATE: 01/02/2002 TIME: 13:54:22

Input Set : A:\4115-131.ST25.txt

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